

Title (en)

Device and method to controll a bending-light adjustment angle in function of the road curvature and of the vehicle speed

Title (de)

Vorrichtung und Verfahren zum Steuern des Schwenkwinkels eines Kurvenlichtscheinwerfers für ein Kraftfahrzeug in Abhängigkeit vom Kurvenradius und der Geschwindigkeit

Title (fr)

Appareil et procédé pour contrôler l'angle de rotation d'un projecteur virage en fonction de la courbure d'un virage et de la vitesse du véhicule

Publication

EP 1705061 B1 20150722 (DE)

Application

EP 06110618 A 20060303

Priority

DE 102005013600 A 20050324

Abstract (en)

[origin: EP1705061A2] The device has a control unit to determine a limiting adjustable pivoting angle (α_{bu}) of a headlamp between upper and lower limits of a velocity of a motor vehicle based on a linear function of the velocity. A second order filter filters the pivoting angle in one range of the velocity lying below the lower limit of other range of the velocity. The lamp is pivoted based on a curve radius when the vehicle velocity is greater than zero. An independent claim is also included for a method for controlling a pivoting angle of a curved light headlamp of a motor vehicle.

IPC 8 full level

B60Q 1/12 (2006.01)

CPC (source: EP)

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Cited by

EP2030839A3; US7753569B2; DE102008044676A1

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